

# Electronic Fabrication

## Manufacturing Technologies

Electronic Fabrication provides our customers solutions for the packaging design, production acceptable prototype fabrication, or deliverable production fabrication.



*Physical Inventory Pallet*

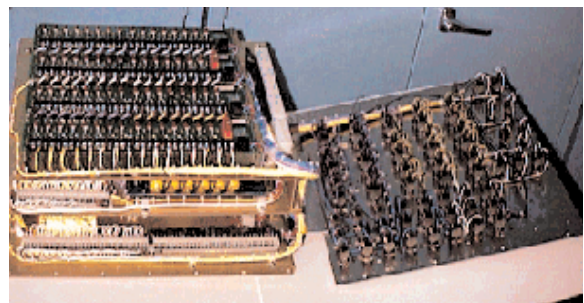
### Capabilities

- Final electronic product packaging from sketches and verbal instructions
- Provide CAD drawing package after project completion if no formal prints are available
- Complete system development and fabrication through concurrent engineering
- Concurrent engineering in prototype and production fabrication
- Integrate commercial equipment into prototype system design

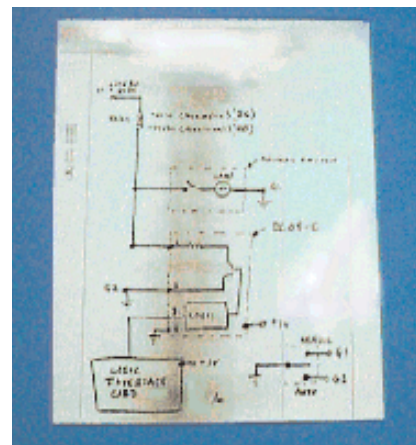
- Implementation and modification of commercial equipment
- Packaging of prototype into finalized product assembly

### Resources

- Customer assistance from fabrication, to testing, to complete system installation
- Engineering review of electronic packaging, drawings, and design requirements



*Sketch to Prototype Fabrication*





*Weapons  
Systems  
Tester*

- Certified fabricators to MILSTD 2000, Sandia 9913013, and/or IPC-J-STD-001C for soldering
- Certified personnel for industry spec IPC-A-610, acceptability of electronic assemblies
- Automated systems including CAD Layout and Engraving systems
- 2500 watt CO2 laser
- Machine Shop
- Suppliers for quick turnaround

### **Accomplishments**

- Development and fabrication of weapons testers
- Development and fabrication of production testers and units
- Interfacing and cabling of modified centrifuge at WETL in Pantex
- Fabrication of flight interface cabling

### **Contact:**

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